

Product Specifications

ETL

Directional Coupler 698-3800MHz N Female

Product features

- Wide Frequency Range
- Low Insertion Loss, Low PIM, Low VSWR
- Cavity Structure, High Power Handling
- High Power Handling, High Reliability

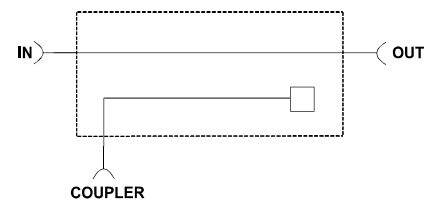
Specifications

Part No.		TEL-DC-X-0738-NF	
Coupling	In-band Ripple	Insertion loss	Isolation
5 dB	±0.9 dB	≤ 2.3dB	≥ 25 dB
6 dB	±0.9 dB	≤ 1.8 dB	≥ 26 dB
7 dB	±1.0 dB	≤ 1.5 dB	≥ 27 dB
8 dB	±1.1 dB	≤ 1.4 dB	≥ 28 dB
10 dB	±1.2 dB	≤ 1.0 dB	≥ 30 dB
13 dB	±1.2 dB	≤ 0.7dB	≥ 33 dB
15 dB	±1.2 dB	≤ 0.5 dB	≥ 35 dB
20 dB	±1.3 dB	≤ 0.5 dB	≥ 40 dB
30 dB	±1.5 dB	≤ 0.4 dB	≥ 48 dB
VSWR		≤1.25	
Intermodulation		≤155 dBc (with 2×20W)	
Impedance		50 Ω	
Input power		≤300W (avg.)	
Operation temperature		-20°C to +65 °C	
Storage temperature		-40 °C to +85 °C	
Relative humidity		5% - 95%	
Application		Indoor or outdoor (IP65)	
Connectors		N Female	
Weight		0.25Kg	
Dimensions (Without Connectors)		124*43*20 mm	

Product Picture



Schematic diagram



Outline drawing

